

SPECIFICATION AMENDMENT

Please amend the title as follows:

METHOD OF STRUCTURE FOR PROCESSING A SAMPLE
CONTAINING AT LEAST ONE BIOLOGICAL ELEMENT

Please amend the abstract as follows:

Embodiments described herein provide ~~methods of a structure for~~ processing a sample containing at least one biological element. ~~In one method,~~ a first conductor and a second conductor are introduced into or located adjacent the sample. ~~A voltage is applied between the first conductor and the second conductor. The voltage is adjusted to reduce an ability of the at least one~~ biological element to be amplified or detected in a PCR reaction process, such that the biological element is removed from a binding member, and/or to unzip ~~the at least one biological element.~~ The structure is an improved nucleic acid analyzer for amplifying and determining a DNA or RNA, wherein the structure includes at least one container configured to hold a sample having nucleic acids, a first conductor and a second conductor electrically connected to the container, and a circuit configured to control and provide a voltage across the first conductor and the second conductor, wherein the voltage is applied to the sample in the container through the first conductor and the second conductor and facilitates the amplification and determination of the DNA or RNA.

On page 3, line 19 of the specification, please insert the following paragraphs:

In yet another embodiment of the present invention, a structure is provided for carrying out the methods according to the present invention. The structure is an improved nucleic acid analyzer for amplifying and determining a DNA or RNA, wherein the improvement comprises at least one container configured to hold a sample comprising nucleic acids, a first conductor and a second conductor electrically connected to the container, and a circuit configured to control and provide a voltage across the first conductor and the second conductor, wherein the voltage is applied to the sample in the container through the first conductor and the second conductor and facilitates the amplification and determination of the DNA or RNA.

In a further embodiment, a part of the first conductor and a part of the second conductor are located in the container.

In a further embodiment, a part of the first conductor and a part of the second conductor are located adjacent to the container.

In a further embodiment, the structure further comprises an apparatus configured to receive multiple samples at the same time and to provide a new sample in the at least one container.

In a further embodiment, the structure further comprises a process path configured to receive the container, wherein the process path comprises a thermal regulation device configured to thermally regulate the container.

In a further embodiment, the structure further comprises a transport system configured to transport the container along the process path from one location to another.

In a further embodiment, the circuit comprises a microcontroller configured to control the circuit.

In a further embodiment, the circuit comprises an adjustable voltage regulator configured to adjust the voltage.

In a further embodiment, the circuit comprises a polarity reversal relay configured to control the voltage.

In a further embodiment, the circuit is circuit 82 as illustrated in Figure 34.

In a further embodiment, the first conductor comprises a pipettor.